"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILOWICKA, Maria

Ambulatory treatment of specific pleural empyema. Gruzlica 22 no.11:787-794 Nov 54.

1. Z kliniki ftyzjatrycznej Akad. Med. w Gdansku (ul. Debinki 70) - kierownik: prof. dr. M.Telatycki

(EMPYEMA, PLEURAL, therapy ambulatory)
(OUTPATIENT SERVICE empyema, pleural)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILOWICKA, Maria.

Antibiotics in therapy of sequels of pulmonary tuberculous hemorrhages. Gruslica 23 no.8:555-559 Aug 55.

1. Z Kliniki Ftyzjatrycznej Akademii Medycznej w Gdansku. Kierownik: prof. dr. M.Telatycki. Gdansk, ul. Debtenki 7a, Klinika Ftyziatryczna A.M.

(TUBERCULOSIS, PULMONARY, complications
hemorrh. sequels, ther., antibiotics)
(HEMORRHAGES, in various diseases
tuberc., pulm. ther. of sequels with antibiotics)
(ANTIBIOTICS, ther. use
tuberc., pulm. hemorrh. sequels)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILOWICKA, Maria; LIBISZOWSKA-STANIUL, Maria; KUSZEWSKI, Bogdan; SZELEZYNSKI, Kazimierz

Combined treatment of pulmonary tuberculosis with streptomycin and isoniazid. Gruzlica 24 no.1:41-47 Jan 56.

1. Z Kliniki Ftyzjatrycznej Akademii Medycznej w Gdansku Kierownik: prof. dr. M. Telatycki, Praca zlecona przez Instytut Gruzlicy, Gdansk, ul. Debinki 7 a. Klinika Ftyzjatryczna.

(TUBERCULOSIS, PULMONARY, ther.
streptomycin & isoniazid.)
(STREPTOMYCIN, ther. use
tuberc., pulm., with isoniazid.)
(NICOTINIC ACID ISOMERS, ther. use
isoniazid in pulm. tuberc., with streptomycin.)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILOWICKA, Maria; GRANICZNA, Lucja; SZKLEZYNSKI, Kazimierz

Evaluation of results of treatment of tuberculous cavities with intrabronchial instillations of antimicrobial drugs. Gruzlica 25 no.1:23-30 Jan 57.

1. Z Kliniki Ftyzjatrycznej Akademii Medycznej w Gdansku Kierownik: prof. dr. M. Telatycki. Adres: Gdansk, ul. Miszewskiego 18.

(TUBERCULOSIS, ther.
intrabronchial instillations of antimicrobial drugs in cavities ther. (Pol))

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILOWICKZ, Maria

4 Cases of tuberculosis of the tongue with specific therapy. Polski tygod. lek. 13 no.30:1163-1167 28 July 58.

1. (Z Kliniki Gruzlicy Pluc A. M. w Gdansku; kierownik: prof. dr T. Kielanowski). Gdansk-Wrzeszcz, Klinika Ftyzjatryczna A.M.

(TUBERCULOSIS, PULMONARY, case reports
with tuberc. of tongue, ther. (Pol))
(TUBERCULOSIS, case reports
tuberc. of tongue, with pulm. tuberc., ther. (Pol))
(TONGUE, dis.
tuberc., with pulm. tuberc., ther. (Pol))

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILOWICKA, Maria (Gdansk VI, ul. Miszewskiego 18/1)

Pneumoperitoneum in the treatment of cavitary lung tuberculosis; late results. Polski tygod. lek. 14 no.19:870-876 11 May 59.

1. Z Kliniki Ftyzjatrycznej A. M. w Gdansku, kierownik: prof. dr T. Kielanowski.
(PNEUMOPERITONEUM, ARTIFICIAL, ther. use
pulm. tuberc. with cavitation (Pol))

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILOWICKI, Jacek

Fodder granulation. Zesz probl post nauk roln no. 44:293-315 '64.

1. Department of Drying, Institute of Mechanization and Electrification in Agriculture, Warsaw.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

PYLOSH, M.

"Roslyny Malo-Kutyshans'koho lisu Vinnits'koi okruhi," Trudy S.-H. Botaniky, Kharkov, vol. 1, 1927, no, pp. 152-165.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILOZOR, R.V., Cand Bio Sci—(diss) "Arterial vascularization of ~~the cattle~~ udders ~~of cattle~~ in connection with milk productivity." L'vov, 1958. 19 pp (L'vov Zoo-Vet Inst. Chair of Anatomy and Histology of Domestic Animals) (KL,26-58,107)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BOLDYREV, B.G.; KOLMAKOVA, L.Ye.; BILOZOR, T.K.

Thiosulfonic acids. Part 9: Diesters of thiosulfonic acids. Zhur. ob.khim. 33 no.6:1980-1983 Je '63. (MIRA 16:7)

1. L'vovskiy politekhnicheskiy institut.
(Sulfonic acids)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILOZUB, V. G.

STARCHENKO, V.F., golovnyy red.; KANEVS'KIY, O.P., red.; RUDNITS'KIY, P.V. red.; LUTSENKO, F.G., red.; BILOZUB, V.G., red.; PAVLENKO, M.K., red.; SVISTEL'NIK, A.N., red.; KHOTENKO, M.P., red.; ZADONTSEV, A.P., red.; POPOV, F.A., red.; DANILYUK, O.T., red.; TRITINCHENKO, A.P., red.; AKS'ONOV, G.G., tekhn.red.

[Agricultural manual for administrative personnel of province and district organizations, directors of machine-tractor stations, chairmen of collective farms and agricultural specialists] Posibnik po sel's'komu hospodarstvu dlia kerivnykh pratsivnykiv oblasnykh i raionnykh organizatsiy, dyrektoriv MTS, holiv kolhospiv i fakhivtsiv sil's'koho hospodarstva. Skladenyi za red.: V.F.Starchenka [and others] Holovnyi red.V.F.Starchenko. Kyiv, Derzh.vyd-vo sil's'kohospodars'koi lit-ry URSR. Book 1. 1946. 1269 p. (MIRA 11:1)

1. Chlen-korrespondent akademii nauk URSR (for Starchenko).
(Agriculture)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

SPIVAK, M.S., golovnyy redaktor; BILOZUB, V.G., redaktor; VASILENKO, P.M., redaktor; ZORIN, I.G., redaktor; IL'CHENKO, I.K., redaktor; KOVAL', O.G., redaktor; KRILOV, O.F., redaktor; PUKHAL'S'KIY, A.V., redaktor; SIDORENKO, O.P., redaktor; FEDCHENKO, O.N., redaktor; ANGELINA, P.M., redaktor; BUZANOV, I.F., redaktor; BOYKO, D.V., redaktor; BURKATS'KA, G.E., redaktor; VASILENKO, A.O., redaktor; VLASYUK, P.A., redaktor; GORODNIY, M.G., redaktor; DEMIDENKO, T.T., redaktor; DUBKOVETS'KIY, F.I., redaktor; KIRICHENKO, F.G., redaktor; LITOVCHENKO, G.P., redaktor; OZERNIY, M.O., redaktor; PERSHIN, P.M., redaktor; POPOV, F.A., redaktor; POSMITNIY, M.O., redaktor; PSHENICHNIY, P.D., redaktor; RADCHENKO, B.P., redaktor; POMANENKO, S.S., redaktor; RUBIN, S.S., redaktor; SAVCHENKO, M.Kh., redaktor; SOKOLOVS'KIY, O.N., redaktor; TSIBENKO, K.O., redaktor; SHCHERBINA, O.P., redaktor; KRAVCHENKO, M.F., tekhnichniy redaktor

[Collective farm encyclopedia] Kolhospna vyrobnycha ensyklopediia. Vyd. 2-e, perer. i dop. Kyiv, Derzh.vyd-vo sil's'kohospodars'koi lit-ry URSR. Vol.1. Abrykos - Liutserna. 1956. 756 p. (MIRA 9:9)
(Agriculture--Encyclopedias and dictionaries)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

KOPYSC, Zbyslaw; BILSKA, Joanna

Salmonella dublin as an etiologic factor in cerebrospinal meningitis. Pediat. polska 34 no.3:323-328 Mar 59.

1. Z Oddzialu Dzieciecego Szpitala Wojewodzkiego w Zielonej Gorze Dyrektor: dr med. Z. Pieniezny. Adres: Lek. Zbyslaw Kopysc, Zielona Gora, ul. Moniuszki 39 m. 1.

(MENINGITIS, in inf. & child, Salmonella dublin (Pol))
(SALMONELLA INFECTIONS, in inf. & child, dublin meningitis (Pol))

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

POLAND/Technical Crops. Oil Plants. Sugar Plants. M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77784.

Author : Barbacki, S.; Dilski, E.; Rosnowski, St.
Inst :
Title : Results of Experiments with Sugar Beet Varieties for 1947-1951.

Orig Pub: Roczn. nauk rolniczych., 1956, D73, 134, p. il.

Abstract: Results of experiments with 20 varieties of sugar beet conducted at 37 bases in Poland during 1947-1951. Varieties were used from 6 different selection establishments. The study was carried out according to the unit method with 8-fold repetitions and distribution of plots according to Fisher. Harvests were tabulated by roots, saccharinity,

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

POLAND/Technical Crops. Oil Plants. Sugar Plants. M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77784.

tively increase their saccharinity in the southeast regions, and sugars - in the northwest regions. However, as regards collection of sugar, the varieties AI-3 and KDS-P stand out predominantly which are the varieties of normal type. The variety AI-3 is resistant to cercosporiasis, has few blossoms and relatively more foliage. Of the harvested varieties, as regards collection of sugar, the variety PZHR-4 stands out, but it is weakly resistant to cercosporiasis and has little foliage; the least productive variety is RZHR-3. The variety Yanash (AI-1) proved to have the most sugar. The more productive of the sugar varieties is the variety Bushchinskiy KRS-MLR. Of the varieties resistant

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILSKI, P.

The role of gravimetric measurements in science and technology.

P. 98 (PRZEGLAD GEOLOGICZNY) Poland, Vol. 13, No. 3, Mar. 1957

SO: Monthly Index of European Accessions (AEEI) Vol. 6, No. 11, November 1957

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

S/035/62/000/012/057/064
A001/A101

AUTHOR: Bilski, Edmund

TITLE: Appliances for calculating corrections to gravity accelerations due to attraction by the Moon and Sun

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 12, 1962, 32, abstract 12G201 ("Przegl. geod.", 1961, v. 33, no. 10, 376 - 382, Polish)

TEXT: The author presents auxiliary tables and a nomogram for calculating corrections due to tidal variations of gravity for latitudes ranging from 50 to 54°. The hour angle, declination and parallax of the Moon and Sun are to be taken from astronomical year-books. An example of calculating corrections is presented. There are 6 references.

P. Sh.

[Abstracter's note: Complete translation]

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILSKI, Edmund

On the conditions and ways of considering the Moon-Sun correction in gravimetry. Przegl geolog 10 no.7:361-364 Jl '62.

1. Katedra Geodezji Wyzszej, Politechnika, Warszawa.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILSKI, Edmund

Current problems of gravity anomalies in prospecting gravimetry. Przegl geol 10 no.9:480-483 S '62.

1. Katedra Geodezji Wyzszej, Politechnika, Warszawa.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

ALEXANDROWICZ, S., prof. dr; BILSKI, E.; MARUNIEWICZ, W.; ZWOLINSKI, J.

Absolute weight as indicating the leanness of the bacon pig carcass. Rocz nauk roln zootechn 84 no.1:1-9 '64.

1. Department of Specific Animal Breeding of the School of Agriculture, Poznan. Head:prof. Alexandrowicz.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

KAULBERSZ, J.; BILSKI, R.

Gastric secretion after the administration of pancreatic juice intravenously and directly into the stomach. Acta physiol. polon. 3 Suppl. 3: 195-197 1952. (CIML 24:1)

1. Of the Institute of Physiology (Head—Prof. J. Kaulbesz, M.D.) of Krakow Medical Academy.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILSKI, R.

Effects of intragastric and intravenous administration of bile on gastric secretion. J. Kaulbersz and R. Bilski. *Acta Physiol. Polon.* 5, No. 1, 57–70(1954); *Excerpta Med.*, Sect. II, 8, 40(1955).—To dogs provided with Heidenhain pouches or with Pavlov pouches and gastric fistulae 5–10% sol'n. of desiccated bovine bile was administered intragastrically. The secretion of gastric juice and its acidity after histamine injection were increased. Atropine abolished this increase. From 5 to 10 ml. of thrice-condensed bile was injected intravenously into dogs. The secretion of gastric juice and its acidity after injection of histamine were partially inhibited. Atropine did not change this effect.

K. L. C.

Z Zakładu Fizjologii Akademii Medycznej w Krakowie, Kierownik

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

KAULBERSZ, Jerzy; BILSKI, Ryszard.

Effect of ACTH on gastric juice secretion following administration of histamine. Acta physiol.polon. 6 no.3:293-298 1955.

Z Zakladu Fizjologii A.M. w Krakowie. Kierownik: prof. dr J. Kaulbersz

(HISTAMINE, effects,
on gastric secretion in dogs, eff. of ACTH on reactivity)
(ACTH, effects,
on gastruc secretion after admin. of histamine in dogs)
(GASTRIC JUICE,
secretion, eff. of ACTH on reactivity to histamine)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

KAULBERSZ, J.; OGINSKI, A.; BILSKI, R.; BUGAJSKI, J.

Effect of vagotomy on formation of experimental peptic ulcer in rats. Acta physiol. polon. 7 no.1:3-6 1956.

1. Z Zakladu Fizjologii A. M. w Krakowie Kierownik prof. dr. J. Kaulbersz.
(PEPTIC ULCER, experimental,
eff. of vagotomy on develop. of ulcer in rat. (Pol))
(NERVES, VAGUS, surgery,
vagotomy, eff. on develop. of exper. peptic ulcer. (Pol))

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILSKI, R.; NOWAK, S.; KAULBERSZ, J.

Administration into the abdominal arteries of substances influencing gastric secretion. Acta physiol. polon. 8 no.3:286-287 1957.

1. Z Zakladu Fizjologii A. M. w Krakowie Kierownik: prof. dr J. Kaulbersz.
(GASTRIC JUICE,
secretion, stimulation by admin. into abdom. vessels of various substances (Pol))
(ABDOMEN, blood supply,
intra-arterial admin. of substances stimulating gastric secretion (Pol))

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILSKI, Ryszard

BILSKI, Riszard: "The Role of Gravimetric Measurements in Science and in Technology," Przeglad Geodezyjny, Vol XIII, No 3, Warsaw, Mar 57, pp 98-101.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILSKI, R.; RADECKI, T.; KAULBERSZ, J.

Experimental peptic ulcer in rats in lowered atmospheric pressure. Acta physiol.polon. 11 no.5/6:661-663 '60.

1. Z Zakladu Fizjologii A.M. w Krakowie Kierownik: prof.dr J.Kaulbersz.
(PEPTIC ULCER exper)
(ATMOSPHERIC PRESSURE)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

KAULBERSZ, J.; BILSKI, R.

Differences in gastric secretion after the administration of gastrin into the peripheral and portal circulations. Acta physiol. polon. 11 no.5/6:765-767 '60.

1. Z Zakladu Fizjologii A.M. w Krakowie, Kierownik: prof.dr J.Kaulbersz.

(GASTROINTESTINAL HORMONES pharmacol)
(GASTRIC JUICE)
(PORTAL VEINS)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

RADECKI, T.; BILSKI, R.; KAULBERSZ, J.

Excretions from biliary fistulae in rats in lowered atmospheric pressure. Acta physiol.polon. 11 no.5/6:867-868 '60.

1. Z Zakladu Fizjologii A.M. w Krakowie, Kierownik: prof.dr J.Kaulbersz.
(ATMOSPHERIC PRESSURE)
(BILIARY FISTULA exper)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

SKOTNICKI, Stefan; BILSKI, Ryszard

Effect of butazolidin on the morphology and histochemistry of experimental inflammatory foci. Arch.immun.ter.dosw. 9 no.1: 25-35 '61.

1. Zaklad Histologii i Embriologii Akademii Medycznej w Lodzi.
(PHENYLBUTAZONE pharmacol) (INFLAMMATION exper)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

GOLDSTEIN, Jan; DMOCHOWSKI, Jan; BILSKI, Ryszard

Experimental studies on acute necrosis of the pancreas. Polski przegl. chir. 33 no.7/9:966-967 '61.

1. Z I Kliniki Chirurgicznej AM w Lodzi Kierownik: prof. dr M. Stefanowski z Zakladu Patologii Ogolnej AM w Lodzi Kierownik: prof. dr. F. Venulet z Zakladu Histologii AM w Lodzi Kierownik: prof. dr S. Baginski z Zakladu Fizjologii AM w Lodzi Kierownik: z. prof. dr J. Sysa.

(PANCREAS dis)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILSKI, R.

New modification of the NADI reaction for the histochemical detection of cytochrome oxidase. Folia morphol 21 no.3:343-345 '62.

1. Institute of Histology and Embryology, Medical Academy, Lodz. Head: Prof. Dr med. S. Baginski.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

GOLDSTEIN, Jan; DMOCHOWSKI, Jan, BILSKI, Ryszard

A peculiar form of an acute pancreatic disease and its surgical therapy. Pol. przegl. chir 35 no.12: 1371-1376 D'63

1. Z I Kliniki Chirurgicznej AM w Lodzi; kierownik: prof.dr. M.Stefanowski.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

KAUBERSZ, Jerzy; BILSKI, Ryszard

History of the department of physiology of the Jagiellonian University and Academy of Medicine. Pol. tyg. lek. 19 no.18: 681-683 27 Ap '64.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILSKI, Ryszard

Jedrzej Sniadecki (1768-1838) pioneer of modern resuscitation. Pol. tyg. lek. 19 no.43:1659-1661 26 O '64

1. Z Kliniki Chirurgicznej Instytutu Hematologii w Warszawie (Kierownik Kliniki: prof. dr. med. W. Rudowski).

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILSKI, Ryszard

Histochemical structure of burn wounds. Pol. tyg. lek. 20 no.11: 381-383 15 Mr '65

1. Z Kliniki Chirurgicznej Instytutu Hematologii w Warszawie (Kierownik Kliniki: prof. dr. med. W. Rudowski).

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

KAPUSCINSKI, K., BILSKI, R. Poland

A small scale mechanisation of casting CO heater radiators in the Nieklan iron foundry.

SO: Foundry Journal, Poland, [illegible], May 1955, Unclassified.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILSKI, Zygmund, Mgr. in.z.; DROZDZ, Slawomir, Mgr.

General conditions and prospective development of petrurgy at the Starachowice Basalt Fusion Enterprise. Szkar a keram. 14 no. 7:203 Jl '64.

1. Basalt Fusion Enterprise, Starachowice, Poland.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

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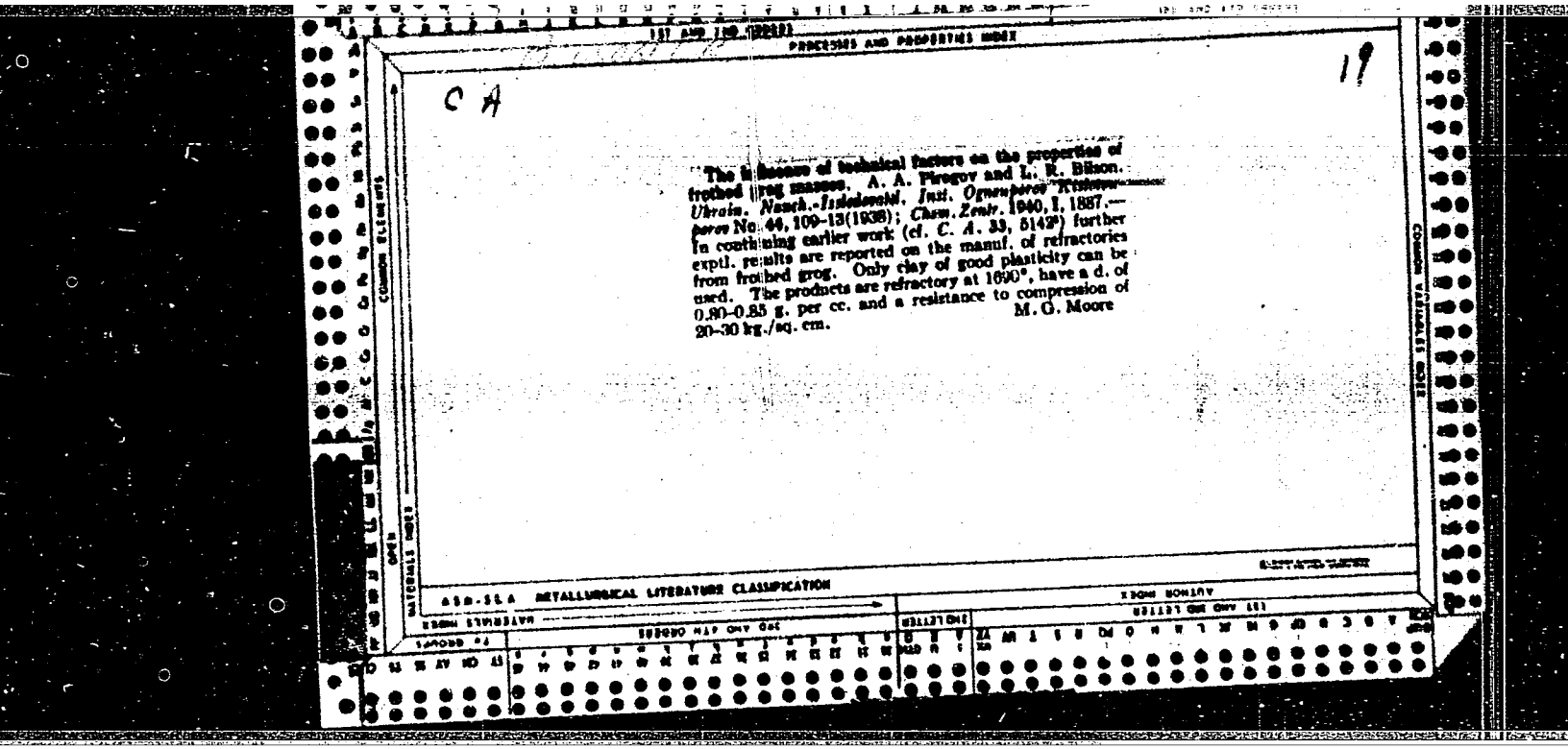

CA

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The influence of technical factors on the properties of fireclay grog masses. A. A. Piregov and L. R. Bilson. *Ukrain. Nauch.-Issledovatel. Inst. Ogneuporov Trudy Ogneupory* No. 44, 109–13(1938); *Chem. Zentr.* 1940, I, 1887.—In continuing earlier work (cf. *C. A.* 33, 5142²) further expt. results are reported on the manuf. of refractories from fireclay grog. Only clay of good plasticity can be used. The products are refractory at 1690°, have a d. of 0.80–0.85 g. per cc. and a resistance to compression of 20–30 kg./sq. cm. M. G. Moore

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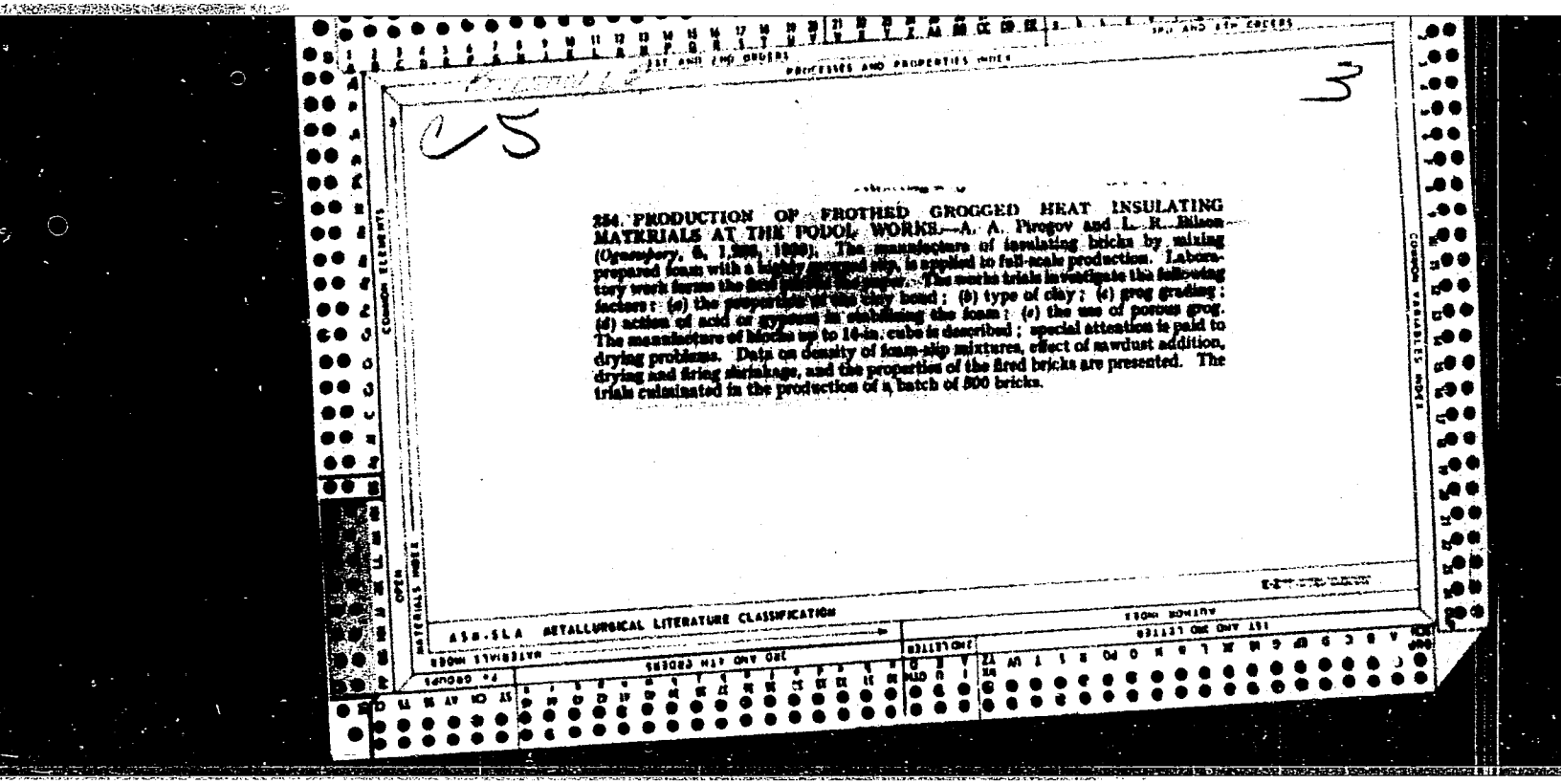

254. PRODUCTION OF FROTHED GROGGED HEAT INSULATING MATERIALS AT THE POLOL WORKS.—A. A. Pirogov and L. R. Bilson (Ogneupory, 6, 1, 1938). The manufacture of insulating bricks by mixing prepared foam with a highly [illegible] slip, is applied to full-scale production. Laboratory work forms the first [illegible] chapter. The works trials investigate the following factors: (a) the proportion of [illegible] clay bond; (b) type of clay; (c) grog grading; (d) action of acid or gypsum in stabilising the foam; (e) the use of porous grog. The manufacture of blocks up to 14-in. cube is described; special attention is paid to drying problems. Data on density of foam-slip mixtures, effect of sawdust addition, drying and firing shrinkage, and the properties of the fired bricks are presented. The trials culminated in the production of a batch of 800 bricks.

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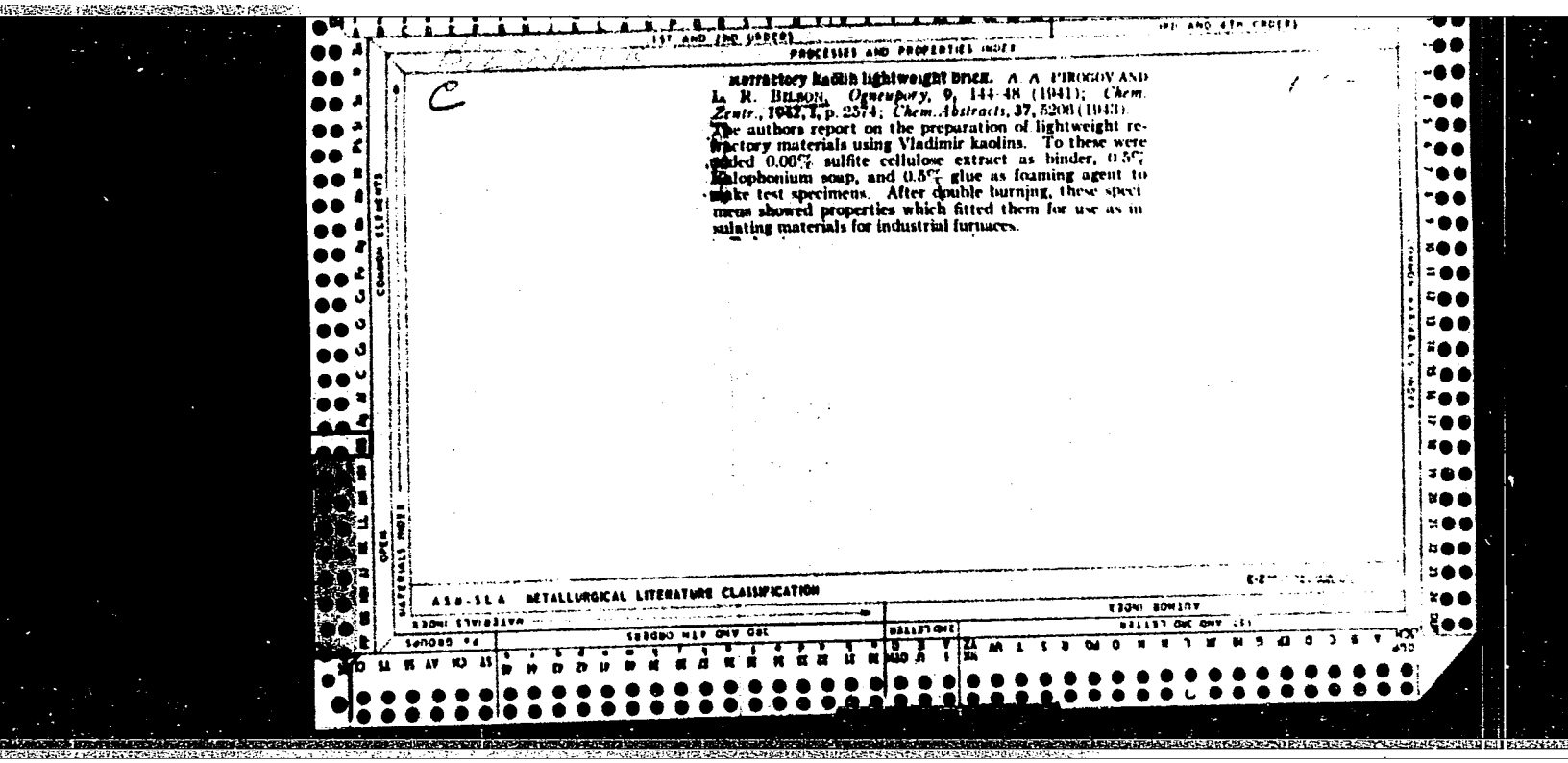

PROCESSES AND PROPERTIES INDEX

C

Refractory kaolin lightweight brick. A. A. PIROGOV AND L. R. BILSON, *Ogneupory*, 9, 144-48 (1941); *Chem. Zentr.*, 1942, I, p. 2574; *Chem. Abstracts*, 37, 5200 (1943). The authors report on the preparation of lightweight refractory materials using Vladimir kaolins. To these were added 0.00% sulfite cellulose extract as binder, 0.5% halophonium soap, and 0.5% glue as foaming agent to make test specimens. After double burning, these specimens showed properties which fitted them for use as insulating materials for industrial furnaces.

A58-SLA METALLURGICAL LITERATURE CLASSIFICATION

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Distr: 4E2c

Accelerated corrosion tests of steels protected by chemically passivated electrolytic layers of zinc. Tadeusz Bilsteck (Inst. Mech. Precision, Warsaw). *Corrosion et anti-corrosion* 6, 59–65(1958).—The corrosion resistance was compared of nonpassivated and chemically-passivated zinc layers deposited electrolytically in cyanide baths. The corrosion resistance of brilliant and mat deposits was compared. A compn. of the passivating soln. inducing max. corrosion resistance was sought. The results of different corrosion tests were evaluated. The possibility of a correlation between the results of accelerated corrosion tests and the results of atm. corrosion was investigated. The best passivating process was sought. Five different accelerated corrosion tests in 15 different solns. were performed on electrolytically deposited Zn layers. Chem. passivation retards the appearance of "white rust" on Zn and the corrosion of steel.
N. Goldowski

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1-mfc - mm
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RUMANIA/Cultivated Plants - Commercial. Oil-Bearing. Sugar-Bearing. M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82419

Author : Bilteanu, Gh.
Inst : -
Title : Experiments on the Determination of the Effect of the Variation in the Soil Moisture Content on the Progress of Separate Stages of Cotton Development.

Orig Pub : Probl. agric., 1956, 8, No 5, 27-36

Abstract : A lowered soil moisture content prior to the appearance of the buds did not retard the growth of the plants and did not produce a negative influence on the yield. Lowered moisture during the period of the appearance of the buds and before blossoming produced a strong negative influence on the growth of the plants. Lowered moisture content during the period of blossoming led to a considerable lowering in the yield. In those cases when the

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RUMANIA/Cultivated Plants- Commercial: Oil-Bearing. Sugar-Bearing. M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82419

soil moisture content became lower at the time of the appearance of the buds and higher at the time of blossoming, the yield of cotton wool practically did not change in comparison with the plants grown from the very beginning with the higher soil moist re content. Higher moisture content in the period of boll opening led to a decrease in yield. -- V.F. Nepomiluyev

Card 2/2

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

RUMANIA/Cultivated Plants - Commercial. Oil-Bearing. Sugar-Bearing. M-5

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29875

Author : Bilteanu, Gh.
Inst :
Title : The Effect of Fertilization and Soil Moisture on the Cotton Yield.

Orig Pub : Probl. agric., 1957, 9, No 5, 45-55 (Rumanian; res. Russ., French)

Abstract : Results of experiments made in 1953-1954 to study the effects of various doses of fertilizers and different irrigation rates. With high soil fertility the most effective action was gotten from high doses of fertilizers.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILTEANU, Gheorghe; MILITESCU, L.

Behavior of different oat plants to the relations between the nutritive elements of nitrogen, phosphorus, potassium. Studii cerc biol veget 12 no.2:217-237 '60. (EEAI 9:11)
(Oats) (Nitrogen) (Phosphorus)
(Potassium)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILTEANU, Ch., candidat in stiinte agricole

Five thousand kg. shelled corn per hectare without irrigation.
St si Teh Buc 14 no.1:12-13 Ja '62.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILTEANU, Gh.; BRAD, I.; RADA, Voica

Influence of mineral nutrition on the catalase activity in sunflower and maize. Studii cerc biol veget 14 no.3:287-297 '62.

1. Comunicare prezentata de N. Salageanu, membru corespondent al Academiei R.P.R., membru al Comitetului de redactie si redactor responsabil, "Studii si cercetari de biologie; Seria biologie vegetala."

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~ . . ~~AURICA~~ BILTIU, A.

ROMANIA/Chemical Technology. Chemical Products and Their Application. Fermentation Industry. H-27

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15956.

Author : Biltiu Aurica, Antem Rosalia.
Inst :
Title : Colorimetric Determination of pH at the Timisoara Brewery

Orig Pub: Rev. ind. aliment. prod. vegetale, 1957, No 5, 31-32

Abstract: Description of determination of the pH of beer by colorimetric method (of Michaelis). For this purpose use is made of 0.01 N solution of K_2CrO_4 and 0.02 N $K_2Cr_2O_7$ prepared with the use of standard solutions of para-dinitrophenol (0.1 g/100 ml water), gamma-dinitrophenol (0.1 g/200 ml water) and alpha-dinitrophenol (0.1 g/400 ml water); range of pH determination 2.8-7.0. Potentiometric determinations of the pH of the prepared standard solutions of gamma-di-

Card : 1/2

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ROMANIA/Chemical Technology. Chemical Products and Their Application. Fermentation Industry. H-27

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Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15956.

nitrophenol and para-nitrophenol showed a difference of 0.15 and 0.12, respectively, while a determination of the pH of beer with gamma-dinitrophenol and with a potentiometer showed differences within the limits from 0.25 to -0.03.

Card : 2/2

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILTIU, A

TECHNOLOGY

PERIODICAL: REVISTA INDUSTRIEL ALIMENTARE, PRODUSE VEGETALE No. 7/8, 1958

BILTIU, A Increased germinating capacity of barley. p. 38

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4
April 1959, Unclass

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

RUMANIA/Chemical Technology - Fermentation Industry. H.

Abs Jour : Ref Zhur - Khimiya, No 16, 1958, 55475

Author : Biltsiu
Inst :
Title : Purification of Yeast With Mineral Acids.

Orig Pub : Rev. ind. aliment. prod. vegetale, 1957, No 2, 26-28

Abstract : A brief description is givne for methods of washing yeast with water, 1% sulfuric acid (0.25 - 0.5 l. per l. of yeast, followed by neutralization with sodium bicarbonate), and HCl (pH 3.2), followed by washing with water until the reaction is neutral.

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15(2)

SOV/72-59-4-6/21

AUTHORS: Krasnovskiy, O. V., Bil'tyukova, E. P., Yesechko, A. M.

TITLE: Complexometric Determination of Calcium Oxide and Magnesium Oxide in Vertically Drawn Glass (Kompleksometricheskoye opredeleniye okisi kal'tsiya i okisi magniya v stekle vertikal'nogo vytyagivaniya)

PERIODICAL: Steklo i keramika, 1959, Nr 4, pp 22 - 25 (USSR)

ABSTRACT: The complexometric method of titration makes it possible to simplify considerably the accelerated glass analysis (see paper by O. V. Krasnovskiy, Ref 1). The determinations of calcium and magnesium may be carried out according to two methods as may be seen from the papers by K. B. Yatsimirskiy on the one hand and by T. B. Styunkel' and Ye. M. Yakimets on the other (Refs 2 and 3). In order to check the complexometric methods of determination comparative investigations with synthetic solutions were carried out, the salt content of which corresponded to those of the solutions in the glass analysis. In table 1 the experimental results are given. Later, the same experiments were carried out with samples of industrial sheet glass which was drawn vertically.

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Complexometric Determination of Calcium Oxide and Magnesium Oxide in Vertically Drawn Glass

SOV/72-59-4-6/21

The results of these analyses are listed in table 2. In conclusion, 2 formulae are mentioned according to which the per cent content of CaO and MgO in glass may be computed. The necessary specific reagents and their preparation are shown in the "Instructions for the Determination of Water Hardness by Means of the Complexometric Method" (MKhP, SSSR, 1957, pp 1-5). There are 2 tables and 3 Soviet references.

ASSOCIATION: Institut stekla (Glass Institute)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

ACCESSION NR: AR4015655 S/0081/63/000/021/0097/0097

SOURCE: RZh. Khimiya, Abs. 21G82

AUTHOR: Bil'tyukova, E. P.

TITLE: A new volumetric procedure for determining germanium

CITED SOURCE: Steklo. inform. materialy* Gos. n.-i. in-ta stekla, no. 1 (118), 1963, 11-15

TOPIC TAGS: germanium, germanium determination, volumetric germanium determination, volumetric titration

ABSTRACT: A titrimetric method was developed for determining relatively large amounts of geranium. The latter is deposited in the form of K_2GeF_6, the deposit is separated, the resultant salt is subjected to hydrolysis ($K_2GeF_6 + 3H_2O = H_2GeO_3 + 4HF + 2KF$) and the HF evolved is titrated with a solution of NaOH. Deposition of the K_2GeF_6 should be carried out in a solution with 10% KF and 2.5 N HCl, since the solubility of the precipitate increases at lower or higher concentrations of KF. The error in assays of 20-160 mg of GeO_2 was 0.02%, while the reproducibility was never poorer than ± 0.5%. , A. Zozulya

Card 1/1 DATE ACQ: 09Dec63 SUB CODE: CH ENCL: 00

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BIL'TYUKOVA, E.P., inzh.; KOLBASNIKOVA, A.I., kand.tekhn.nauk; SAVITSKIY, M.R., ~~kand.tekhn.nauk~~

Conference of workers of the department of technical control and factory laboratories in the manufacture of structural and technical glass. Stek. i ker. 22 no.3:47 Mr '65. (MIRA 18:10)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILUKHA, M.T.

Daily accounting for and economic analysis of the production costs in the shoe industry enterprises of the Ukraine. Leh. prom. no.1:78-80 Ja-Mr '65. (MIRA 18:4)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILUKHA, M.T., kand.ekonom.nauk

Advanced methods of accounting and analysis for the clothing industry. Leh.prom. no.2:80-82 Ap-Je '65. (MIRA 18:10)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILUKHA, M.T., kand. ekonom. nauk

Improve the accounting and economic analysis in the enterprises of the baking industry. Khar. prom. no.2:77-80 Ap-Je '65. (MIRA 18:5)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILUKHA, Nikolay Timofeyevich; NOVIK, O.M., red.; MATUSEVICH, S.M. [Matusevych, S.M.], tekhn. red.

[Accounting in automotive transportation units]Oblik v avtotransportnykh hospodarstvakh. Kyiv, Derzhtekhvydav URSR, 1961. 239 p. (MIRA 16:1)
(Transportation, Automotive--Accounting)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

ACC NR: AP5027304 SOURCE CODE: UR/0241/65/010/010/0055/0056

AUTHOR: Bilushi, S. G.; Goncharenko, Ye. N.; Kudryashov, Yu. B. 28 B 19

ORG: none

TITLE: Indirect effect of histamine formation in radiation sickness

SOURCE: Meditsinskaya radiologiya, v. 10, no. 10, 1965, 55-56

TOPIC TAGS: experiment animal, radiation sickness, radiation biologic effect, histamine, systemic toxin

ABSTRACT: The formation of toxic lipid substances and histamine and their role and relationship in acute radiation sickness were studied in white rats and rabbits subjected to a single 800 rad irradiation. Toxic lipid substances (called natural radiomimetic, NR) were isolated from the liver after 3 days. Histamine was determined in the tissues. The NR were injected intraperitoneally into rats at a 0.7-0.9 g/150 g animal dose and NR activity was determined by a hemolytic test. In further tests NR was found not only in the liver but also in other radiosensitive organs. NR activity increased with dose and time after irradiation and caused changes in free histamine content in skin, kidneys and liver. These changes had a phase-like character with considerable histamine

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ACC NR: AP5027304

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increase after NR injection and terminal reduction to below normal, that is, a 2 fold skin histamine increase which declined terminally to 1/3 of normal value. Comparison of the effect of gamma irradiation and that of NR substances showed considerable similarity in the dynamics of free tissue histamine and confirms an assumption on the radiomimetic effect of oxidation products of unsaturated fatty acids which depress histamine-binding in the tissue and thus lead indirectly to histamine accumulation. Orig art. has: 2 tables.

SUB CODE: 06 / SUBM DATE: 03Mar65/ ORIG REF: 006/ OTH REF: 000

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILUSHI, S.G.; GONCHARENKO, Ye.N.; KUDRYASHOV, Yu.B.

Effect of radiomimetic agent, ionizing radiation and vibration on the change in histamine level in the tissues of rats. Nauch. dokl. vys. shkoly; biol. nauki no.1:87-89 '66.

(MIRA 19:1)

1. Rekomendovana kafedroy biofiziki Moskovskogo gosudarstvennogo universiteta. Submitted May 6, 1965.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

POGLAZOV, B.F., BILUSHI, V., BAYEV, A.A.

Sulfhydryl groups of myosin adenosinetriphosphatase [with summary in English]. Biokhimiia 23 no.2:269-284 Mr-Ap '58 (MIRA 11:6)

1. Institut biokhimii im. A.N. Bakha AN SSSR, Moskva.
(ADENYLPYROPHOSPHATASE,
activity of myosin, relation to sulfhydryl group content (Rus))
(MUSCLE PROTEINS,
myosin sulfhydryl group content, determ. & reaction with ATP (Rus))
(SULPHYDRYL COMPOUNDS, determination
sulfhydryl group content of myosin, relation to ATPase activity (Rus))

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILUSHI, V.; KOROGODIN, V.I.

Comparative analysis of the restoration of diploid yeasts following alpha and gamma irradiation. Dokl.AN SSSR 138 no.5:1208-1211 Je '61. (MIRA 14:6)

1. Institut radiatsionnoy i fiziko-khimicheskoy biologii AN SSSR i Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. Predstavleno akademikom V.A.Engel'gardtom.
(YEAST) (ALPHA RAYS—PHYSIOLOGICAL EFFECT)
(GAMMA RAYS—PHYSIOLOGICAL EFFECT)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

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BILLESH, V

4

Reactivation of Yeast Cells of Various Ploidy Irradiated with Alpha Particles

V. I. Kogoredin, V. Bilushi, L. I. Markova
and Ya. L. Spoerlman

The possibility of reactivation of radiation injury caused by polonium alpha-particles was investigated on ten yeast strains of various ploidy (from one to six chromosome sets). The survival curves for haploid cells had an exponential form, whereas the survival curves for cells of higher ploidy had a sigmoid form.

When yeast cells with two or more genomes were incubated after irradiation at 30°C in a nutrient medium, the survival rate increased substantially. The reactivation processes were virtually fully completed within 24 hr. The radiation injury to haploid cells was irreversible, just as in the case of γ-irradiation. In the case of one diploid strain (Megri-139-B) the degree of reversibility of a radiation injury caused by alpha particles was the same as the degree of reversibility of the lethal effects of γ-irradiation (about 60% of the given dose). The survival curve of reactivated cells was less curved.

The authors interpret their results on the basis of the hit theory. The lethal effect of alpha radiation on yeast with two or more genomes is caused by injury to several (in each cell) spatially separated elementary biological units, comparable in size with protein molecules. The injury to a large proportion of such elementary structures is potentially reversible.

Department of Biophysics, Faculty of Soil Biology of the Moscow State University and Biophysical Institute of the Academy of Sciences of the USSR, Moscow

(Session continued on next page)

11

report presented at the 2nd Intl. Congress of Radiation Research,
Harrogate/Yorkshire, Gt. Brit. 5-11 Aug 1962

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

S/205/63/003/001/009/029
E028/E185

AUTHORS: Korogodin V.I., Bilushi V., Markova L.I., and Shekhtman Ya.L.

TITLE: Restoration of the viability of yeast cells of varying ploidy after irradiation with α-particles

PERIODICAL: Radiobiologiya, v.3, no.1, 1963, 39-44

TEXT: The cells of 12 strains of yeast of varying ploidy were irradiated in thin layers with α-particles and were then tested for viability by plating out on wort-agar. The sources of radiation used were ^{239}Pu, giving a dose of 50 rad/min at a distance of 13 mm from the surface, and ^{210}Po giving at 8 mm a dose of 10 200 rad/min. Irradiation was continued for periods ranging from a few minutes to several hours, and was carried out at 1 - 2 °C and at room temperature. The results showed that the $LD_{\alpha}10$ was dependent on ploidy, the haploid strain being the least and the diploid strain the most radioresistant. With the higher ploidy up to 6 radioresistance declined in one set of strains (Mortimer), but increased in a set obtained from another source

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(Ephrussi). Recovery from the effect of irradiation was observed with strains of ploidy 2 or greater, but not with haploid strains. Thus, 26% of the cells of a diploid strain were viable immediately after irradiation in a dose of 16.2 krad, but after maintenance on plain agar this proportion rose to 76% after 24 hours and 93% after 48 hours. It was also shown that the restoration does not depend on the kind of radiation (X, α or γ particles) producing the injuries. There are 4 figures and 3 tables.

ASSOCIATION: Institut meditsinskoy radiologii AMN SSSR (Institute of Medical Radiology of the Academy of Medical Sciences USSR); OBNINSK; Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova (Moscow State University imeni M.V. Lomonosov); Institut biologicheskoy fiziki AN SSSR, Moskva (Institute of Biophysics AS USSR, Moscow)

SUBMITTED: March 30, 1962

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILTIU, Aurica, ing.

From the activity of the laboratory for road tests of the Road and Bridge Regional Direction- Timisoara. Rev transport 9 no. 3:125-126 Mr '62.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

ACCESSION NR: AP4025105 S/0020/64/155/003/0503/0505

AUTHOR: Bilúta, P. A.

TITLE: Some extreme problems in a set of mappings which are quasi-conformal on the average

SOURCE: AN SSSR. Doklady*, v. 155, no. 3, 1964, 503-505

TOPIC TAGS: topology, conformal mapping, quasi conformal mapping, mathematical analysis, continuously differentiable function

ABSTRACT: The author examines the mapping of $w = f(z)$ of a circle $|z| \leq 1$ onto a circle $|w| \leq 1$. Let $\Phi(x)$, $1 \leq x \leq \infty$ be a continuously differentiable function, and $\Phi(x) > 0$, $F(w_1, w_2, \ldots, w_n)$ a real function of the variables $w_K = f(z_K) = w_K + iv_K$, continuously differentiable with respect to u_K and v_K. In the class of quasi-conformal mappings of the circle $|z| \leq 1$ onto the circle $|w| \leq 1$, $w(0) = 0$, $w(1) = 1$ with the restricted integral

$$J = \iint_{|w| \leq 1} \Phi(P)\, d\sigma_w \leq M = \text{Const.} < \infty$$

the problem is to find a mapping for which the function F assumes the maximum value. The final form of the solution is

Card 1/3

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ACCESSION NR: AP4025105

$$\iint_{|z|\le 1} \Phi(\rho)\,d\sigma_z = M, \qquad \theta(w) = -\tfrac{1}{2}\arg A(w)$$

In the set of quasi-conformal mappings of a ring $r \le |z| \le 1$ onto a ring $\rho^* = |w| \le 1$, $r < \rho < \rho^* < 1$, the problem is to find a reflection for which the integral $\iint_{|w|\le 1} p(z)\,d\sigma_z$ assumes a minimum value. This problem can also be solved by the variation method. By variation of the ring $r \le |z| \le 1$ we shall understand that the function $w = f(z)$ mapping it onto some ring $r' \le |w| \le 1$, is normalized and such that the reflection realizing this is conformal exterior to some circle $K(\xi, \tau)$: $|z - \xi| \le \tau$ and has an assigned constant characteristic h within it varying the ring in the w plane, we find that the extremum will be the mapping on the ring $\rho \le |w| \le 1$, and the characteristic of the inverse mapping will satisfy the condition

$$\theta(w) = \arg w + \pi/2, \quad \rho J_{z,w}\,|\omega^2| = c = \text{Const}.$$

In a set of quasi-conformal mappings of the ring $r \le |z| \le 1$ onto the ring $\rho^* \le |w| \le 1$, $0 < \rho^* < r$, the problem is to find a mapping for which the integral $\iint_{\rho \le |w| \le 1} \rho(z)\,d\sigma_\zeta$ assumes a minimum value. Solving this problem in the subset of q - quasi-conformal mappings, we find that the extremum will be a mapping of the form

Card 2/3

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ACCESSION NR: AP4025105

$$w = \begin{cases} \rho\left(\frac{|z|}{r}\right)^{q} e^{i(\alpha+\omega q)}, & r < |z| < r^{\frac{q}{q-1}} \rho^{\frac{1}{1-q}}, \\ z e^{i\alpha}, & r^{\frac{q}{q-1}} \rho^{\frac{1}{1-q}} < |z| < 1. \end{cases}$$

Orig. art. has: no graphics

ASSOCIATION: Institut matematiki s vy*chislitel'nym tsentrom Sibirskogo otdeleniya AN SSSR (Institute of Mathematics with Computer Center, Siberian Division, AN SSSR)

SUBMITTED: 25Nov63 DATE ACQ: 17Apr64 ENCL: 00

SUB CODE: MA NR REF SOV: 001 OTHER: 000

Card 3/3

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

L 21012-66 EWT(d)/T LJP(c)

ACCESSION NR: AP5023879 UR/0199/65/006/004/0717/0726
517.53

AUTHOR: Biluta, P. A. 6 B

TITLE: Some extremal problems for mappings which are quasi-conformal in the mean

SOURCE: Sibirskiy matematicheskiy zhurnal, v. 6, no. 4, 1965, 717-726

TOPIC TAGS: conformal mapping, complex function

ABSTRACT: The author states and solves three problems concerning quasi-conformal mappings "in the mean," that is, quasi-conformal mappings for which an integral $\iint \Phi(p)\,d\sigma_z$ remains bounded. The solution is based on the variational method of P. P. Belinskiy. Problem 1 is to find, from among all quasi-conformal mappings of the unit disk onto the unit disk, which are "in the mean" relative to some continuously differentiable Φ (such that $\Phi'(x) > 0$, $x \geqslant 1$), that one which maximizes a given real function $F(w_1, w_2, \ldots, w_n)$, at given points z_k ($k = 1, 2, \ldots, n$), ($w_k = f(z_k) = u_k + i\,v_k$; u_k, v_k continuously differentiable). The remaining two problems

Card 1/2

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L 21012-66

ACCESSION NR: AP5023879

involve quasi-conformal mappings of an annulus onto an annulus, minimizing an integral. One conclusion is to the effect that if the annulus $r \leqslant |z| \leqslant 1$ is mapped quasi-conformally onto the annulus $\rho \leqslant |w| \leqslant 1$, in such a way that

$$e^{M}\iint_{r<|z|<1} p(z)\,d\sigma_z \leqslant M$$

then

$$\rho > re^{\frac{\pi(1-r^2)-M}{\pi r^2}}.$$

Orig. art. has: 18 formulas.

ASSOCIATION: None.

SUBMITTED: 06Dec63 ENCL: 00 SUB CODE: MA

NR REF SOV: 002 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

COUNTRY	:	CZECHOSLOVAKIA II
CATEGORY	:	Chemical Technology. Chemical Products and Their Uses. Part 4. Synthetic Polymers. Plastics
ABS. JOUR.	:	RZKhim., No. 1 1960, No. 3016
AUTHOR	:	Bilwachs, M.; Zilvar, V.
INST.	:	-
TITLE	:	Method of Qualitative Control of the Silon Mass
ORIG. PUB.	:	Chem. prumysl, 1958, 8, No 9, 497-500
ABSTRACT	:	It was established that various productional batches of the silon mass of Czechoslovak manufacture considerably differ as to their qualitative indicators (the average mol. wt., content of low-molecular fraction and moisture). In establishing the degree of nonhomogeneity, the relative viscosity of polyamide solutions was determined in 96.4% sulfuric acid with the aid of the Ubbelode viscosimeter.
CARD:		1/3

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

II

COUNTRY :
CATEGORY :

ABS. JOUR. : RZKhim., No. 1 1960, No. 3016

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : of tests and analyses ensuring the accuracy of
cont'd qualitative control was established on the basis of statistical analysis. The authors consider it expedient to organize the production of silon with a very small content of the low-molecular fraction and an average degree of polymerization of ~300; such polyamide may be successfully used for the manufacture of technical products.-- L. Sedov

CARD: 3/3

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, Antonin, MUDr.

Should a city regional physician service also workers of small industrial plants? Cesk. zdravot. 4 no.5:297-298 May 56.

1. Vedouci zdravotnickeho odboru rady ONV Praha 2.
(INDUSTRIAL HYGIENE,
serv. of regional city physicians for small indust. plants in Czech. (Cz))
(PUBLIC HEALTH,
same)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

B.104.B.

2

CSSR

HILY, B., SOSKA J.

1st Stomatological Clinic of the Medical faculty of the J.Ev.Purkyne University, Brno (I. stomatologicka klinika lekarske fakulty UJEvP), director: Prof. Dr M. Filipinsky; CSAV Biophysical Institute (CSAV Biofyzikalni ustav), Brno, director: academician F. Herzik

Prague, Ceskoslovenska stomatologie, No 1, 1963, pp 25-35

"Effect of X-irradiation on the Rodent Tooth of the Rat"

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, B.

Changes in the periodontium of the upper incisor of the rat following x-ray irradiation. Cesk. stomat. 65 no.4:250-255 Jl '65.

1. I. stomatologicka klinika lekarske fakulty University J.E. Purkyne v Brne (prednosta prof. dr. M. Filipinsky).

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, Boris, MUDr, sek. lekar

Notes on dentinogenesis imperfecta. Cesk. stomat. No.5:191-202

1. Stomatologicke oddeleni KNN v Brne. Prednosta prim. Dr. J.Klimes
(DENTIN, abnormalities
dentigegenosis imperfecta, heredity)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, Boris

Congenital anomalies of dental tissues in children. Cesk. pediat. 16 no.7/8:732-737 Jl-Ag '61.

1. Stomatologicka klinika, Brno, vedouci katedry prof. dr. Milon Filipinsky.

(TEETH abnormalities)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, D.

Neurotic abulic syndromes conditioned by corticovisceral pathologic dynamics. Cas. lek. cesk. 90 no.44:1293-1297 2 Nov 1951. (CLML 21:2)

1. Of the Psychiatric Clinic (Head--Prof. J. Hadlik, M.D.) of Palacky University, Olomouc.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, D.

"Adherence to the Ordinances of the Party and the Government Concerning Psychiatric Health Affairs."

SO: Neurol. a psych., Prague, Vol. 16 (1953), No. 4, pp. 223-226.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, Dusan, Dr.

Fulfillment of the party and government directives in psychiatry. Neur. psychiat. cesk. 17 no.4:194 Aug 54.
(PSYCHIATRY
in Czech., following party and government directives)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, Dusan, MUDr; RUZICKOVA, Radka, MUDr

Evaluation of the effects of sleep therapy according to L.B. Gakkelova's method of aimed verbal reactions. Neur. psychiat. cesk. 17 no.4:195-198 Aug 54.

1. Z psychiatricke kliniky FU v Olomouci. Prednosta prof. MUDr Josef Hadlik

(NEUROSES, therapy
sleep ther., L.B.Gakkelova's method of aimed verbal reactions)
(SLEEP, ther. use
neuroses, L.B.Gakkelova's method of aimed verbal reactions)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, Dusan, Dr. As.

Complex experimental investigation of the higher nervous function in man. Neur. psychiat. cesk. 17 no.4:225-228 Aug 54.

1. Z laboratore pro vyzkum vyzsi nervove cinnosti cloveka neurologicke kliniky FU v Olomouci. Prednosta prof. Dr. Jaromir Hrbek.

(CENTRAL NERVOUS SYSTEM, function test
typing, of higher nervous funct.)
(REFLEX, CONDITIONED
in higher nervous funct. typing)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

DUSAN BILY

Occupational problems of remission in schizophrenics treated with autonomic drugs. Cesk. psychiat. 53 no.6:377-381 Dec 57.

1. Psychiatricka lecebna v Havlickove Brode.
(SCHIZOPHRENIA, ther.
chlorpromazine & reserpine, occup. problems of remission(Cz))
(CHLORPROMAZINE, ther. use
schizophrenia, occup. problems of remission (Cz))
(RESERPINE, ther. use
same)
(INDUSTRY AND OCCUPATIONS
occup. of schizophrenics after cure with chlorpromazine & reserpine (Cz))

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

RUZICKOVA,R.; VYHNANKOVA,M.; BILY,D.

Clinical and experimental examination of chronic schizophrenics with speech disorders. Activ. nerv. sup. 6 no.1:77-78 '64.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, D.

Mental epidemiological study in industrial plants. Acta nerv. sup. (Praha) 6 no.4:409 '64.

1. Psychiatricka lecebna, Havlickuv Brod.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

RUZICKOVA, R.; BILY, D.; VYHNANKOVA, M.

Clinical and experimental examination of patients with chronic schizophrenia and speech disorders. Pt.1. Cesk. psychiat. 61 no.5:298-302 O '65.

1. Laborator vyssi nervove cinnosti lekarske fakulty Palackeho University v Olomouci a Psychiatricka lecebna v Havlickove Brode.

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CZECHOSLOVAKIA

RUZICKOVA, R.; BILY, D.; VYHNANKOVA, M.; Laboratory of Higher Nervous Activity, Medical Faculty, Palacky University (Laborator Vyssi Nervove Cinnosti Lekarske Fakulty PU), Olomouc; Psychiatric Hospital (Psychiatricka Lecebna), Havlickuv Brod.

"Clinical and Experimental Examination of Patients with Chronic Schizophrenia and Speech Disturbances. II. Experimental Part."

Prague, Ceskoslovenska Psychiatrie , Vol 62, No 6, Dec 66, pp 374 - 385

Abstract [Authors' English summary modified]: A group of 20 schizophrenics was compared to a group of 20 aphatics by means of Kraepelin's definition of schizophasia. It appeared that schizophasia was the terminal stage of schizophrenia, most frequently its paranoid form. The first attack is usually very sudden with speech incoherence and recurring catatonic traits. The importance of the premorbid level of intelligence is evaluated. Substantial differences between the schizophrenics and the aphatics were found in all criteria used, such as language and association experiments. The schizophrenic group did not show disturbed phatic functions. 8 Tables, 2 Western, 6 Czech.

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

CZECHOSLOVAKIA

RUZICKOVA, R.; BILY, D.; KONIAS, V.; SOUCEK, Z.; Psychiatric Hospital (Psychiatricka Lecebna), Havlickuv Brod.

"The Effect of Psilocybin in Chronic Schizophrenia."

Prague, Activitas Nervosa Superior, Vol 8, No 2, Jun 66, pp 222-223

Abstract: The effect of psilocybin was tested on 30 paranoid schizophrenics who had been sick for at least 15 years. In chronic schizophrenics psilocybin effect was substantially smaller than in normal subjects. Of the clinical pattern of psilocybin intoxication in healthy subjects, only involuntary laughter and euphoria were noticed in the patients. Optical phenomena, which are the most characteristic in healthy people, appeared only in half of the patients. Negativism alone was more frequent than in normal subjects. No references. Submitted at the 4th Conf. of Exper. and Clin. Study of Higher Nerv. Functions, at Mar. Lazne, 12-15 Oct 65. Article is in English.

1/1

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, Jiri; STRANSKA, Tat'ana

Dermoloxy as technic of determination of higher nervous activity. Cesk. psychiat. 53 no.5:348-352 Oct 57.

1. Psychiatricka klinika VLA v Hradci Kralove.
(CENTRAL NERVOUS SYSTEM, physiol.
determ. of funct. with dermolexy (Cz))
(SENSATION
dermolexy in determ. of funct. of CNS (Cz))

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, Jiri; VOKROUHLICKY, Lubor

Contribution to the mechanism of so-called animal hypnosis. Sborn. ved. prac. lek. fak. Karlov. univ. (Hrad. Kral.) 4 no.2 su;;l.:159-164 '61.

1. Psychiatricka klinika; prednosta doc. MUDr. V. Pelikan Katedra patologicke fyziologie; prednosta prof. Dr. Sc. MUDr. R. Vavra.

(CATALEPSY exper)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

CZECHOSLOVAKIA

J. BILY, Psychiatric Clinic of Medical Faculty of Charles University (Psychiatricka klinika lekarske fakulty KU [Karlove University]; Head (prednosta) Docent Dr V. PELIKAN, CSc, Hradec Kralove.

"Effect of Some Psychopharmacologic Drugs on Paroxysmal Inhibition."

Prague, Activitas Nervosa Superior, Vol 5, No 1, Jan 63; pp 55-56.

Abstract: "Paroxysmal Inhibition" is an animal experimental model for catathonic stupor, previously reported by SVORAD and not described here in detail; studies in rabbits with reserpine, chlorpromazine and amphetamine: the first 2 drugs prolonged, the 3rd shortened the duration of the paroxysmal inhibition, with statistically significant difference. Graph; 3 Czech and 3 Western references.

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, Jiri

The effect of methylphenidate and chlorprothixene on paroxysmal inhibition. Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1:289-294 '64.

1. Psychiatricka klinika (prednosta: doc. MUDr. V.Pelikan, CSc.) Karlovy University v Hradci Kralove.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

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ACC NR: AP6019952 SOURCE CODE: CZ/0079/65/007/003/0235/0236

20
B

AUTHOR: Bily, J.

ORG: Psychiatric Clinic, Medical Faculty, Charles University, Hradec Kralove (Psychiatricka klinika lekarske fakulty KU)

TITLE: Effect of methylphenidate 22 and chlorprothixene 22 in cataleptic states

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 235-236

TOPIC TAGS: nervous system disease, drug treatment, pharmacology

ABSTRACT: The mechanism of the catatonic stupor was investigated. The influence of the two drugs mentioned on the extension of cataleptic conditions was studied. Only 5 patients could be used in the experiments because of the rare occurrence of the disease. Both drugs were administered in the form of an intramuscular injection; both increased the extension by about 60%. [JPRS]

SUB CODE: 06/ SUBM DATE: 17Jan65/ ORIG REF: 003

Card 1/1 LS

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

Bily, J.

The Markov chain leading to the convolutions of binomial distrubutions and the cumulative binomial distributions, p. 327.

CASOPIS PRO PESTOVANI MATEMATIKY, Praha, Czechoslovakia. Vol. 84, no. 3, Aug. 1959.

Monthly List of East European Accessions, (EEAI) LC, Vol. 8, no. 10, 1959. Oct. Uncl.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, JOSEF

Distr: 4E2d

Bílý, Josef. Measurement of the lifetime of equipment under operational conditions. Pokroky Mat. Fys. Astr. 2 (1957), 14–18. (Czech)

The author describes a method of comparing the durations of life of different types of equipment serving the same purpose without keeping records of individual life lengths; these methods have been considered by Goodman [J. Amer. Statist. Assoc. 48 (1953), 503–530]. The author shows, for the case of three types, several replacement policies which are generalizations of policies consisting of the replacement of failed items by items of another type (so called "switch" policies) and of the policy involving a random choice of the type which is to replace the failed item. Various procedures are compared and analogous procedures for more than three types are indicated. A constant intensity of removal and a continuous replacement is assumed throughout (an item is replaced immediately after it has failed). *J. Janko* (Prague)

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"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, Jaroslav; VASICEK, Boh.

Experience in mechanization at the Prackovice railway track repair station. Zel dop tech 11 no.3:82 '63.

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, M., inzh.; LAZAR, I., inzh.

Building and road machinery at the International Fair in Brno.
Stroi. i dor mash. 7 no.6:29-34 Je '62. (MIRA 15:7)
(Brno--Fairs) (Construction equipment--Exhibitions)
(Road machinery--Exhibitions)

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"

"APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5

BILY, Matej, inz.

New [illegible]let building machines. Ins stavby 12 no.7. Supplement: Mechanizace no.7:103-107 Jl'64

APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205320004-5"